

Form PTO-1449 (adapted)

Docket No.  
089.00USSerial No.  
10/740,079

## REFERENCES CITED BY APPLICANT

First Named Inventor  
Sharat SinghCustomer No.  
33.603Filing Date  
18 December 2003Group  
1745 1636 *was*

## U.S. PATENT DOCUMENTS

Examiner's Initial		Document Number	Inventor(s)	Issue Date (publication date) (mm dd yyyy)	Class/Subclass	Filing Date (mm dd yyyy)
<i>was</i>	P1	2002/0037542	ALLBRITTON	(03/28/2002)	435/7.23	05/17/2001
	P2	4,331,590	BOCUSLASKI	05/25/1982	260/112 B	05/06/1980
	P3	4,650,750	GIESE	03/17/1987	435/7	03/19/1984
	P4	4,709,016	GIESE	11/24/1987	530/389	02/01/1982
	P5	4,780,421	KAMEDA	10/25/1988	436/518	04/03/1986
	P6	5,057,412	RABIN	10/15/1991	435/6	03/15/1988
	P7	5,340,716	ULLMAN	08/23/1994	435/6	06/20/1991
	P8	5,360,819	GIESE	11/01/1994	514/538	03/11/1985
	P9	5,470,705	GROSSMAN	11/28/1995	435/6	04/07/1992
	P10	5,494,793	SCHINDELE	02/27/1996	435/6	06/14/1989
	P11	5,514,543	GROSSMAN	05/07/1996	435/6	08/04/1993
	P12	5,516,636	MCCAPRA	05/14/1996	435/6	12/01/1992
	P13	5,516,931	GIESE	05/14/1996	560/59	04/22/1993
	P14	5,536,834	SINGH	07/16/1996	544/98	06/06/1995
	P15	5,565,324	STILL	10/15/1996	435/6	04/13/1994
	P16	5,578,498	SINGH	11/26/1996	436/518	11/22/1993
	P17	5,580,732	GROSSMAN	12/03/1996	435/6	08/26/1994
	P18	5,602,273	GIESE	02/11/1997	560/60	02/08/1996
<i>was</i>	P19	5,604,104	GIESE	02/18/1997	435/7.1	02/08/1996

EXAMINER

*waschlapkoll*

Date considered

12-21-2005

\*EXAMINER: Initial reference considered, whether or not citation in conformance with MPEP 609; Draw line through citation if not in conformance and/or not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 (adapted)	Docket No. 089.00US	Serial No. 10/740,079
	First Named Inventor Sharat Singh	Customer No. 33.603
	Filing Date 18 December 2003	Group 1743 <i>1636 waf</i>

<i>waf</i>	P20	5,610,020	GIESE	03/11/1997	435/7.1	02/08/1996
	P21	5,616,719	DAVALIAN	04/01/1997	546/334	05/09/1995
	P22	5,624,800	GROSSMAN	04/29/1997	435/6	05/19/1995
	P23	5,650,270	GIESE	07/22/1997	435/6	03/20/1990
	P24	5,703,222	GROSSMAN	12/30/1997	536/24.3	11/21/1995
	P25	5,705,622	McCAPRA	01/06/1998	536/23.1	03/28/1996
	P26	5,709,994	PEASE	01/20/1998	435/4	06/06/1995
	P27	5,721,099	STILL	02/24/1998	435/6	06/07/1995
	P28	5,756,726	HEMMI	05/26/1998	540/474	06/06/1995
	P29	5,766,481	ZAMBIAS	06/16/1998	210/656	02/18/1997
	P30	5,777,096	GROSSMAN	07/07/1998	536/24.3	05/06/1996
	P31	5,789,172	STILL	08/04/1998	435/6	07/11/1996
	P32	5,807,675	DAVALIAN	09/15/1998	435/6	06/07/1995
	P33	5,807,682	GROSSMAN	09/15/1988	435/6	06/17/1997
	P34	5,843,655	McGALL	12/01/1998	435/6	09/18/1995
	P35	5,843,666	AKHAVAN-TAFTI	12/01/1998	435/6	11/15/1996
	P36	5,846,839	GALLOP	12/08/1998	436/518	12/22/1995
	P37	5,849,878	CANTOR	12/15/1998	530/391.9	06/07/1995
	P38	5,952,654	GIESE	09/14/1999	250/288	10/29/1997
	P39	5,958,202	REGNIER	09/28/1999	204/451	01/22/1997
	P40	5,986,076	ROTHSCHILD	11/16/1999	536/22.1	11/22/1994
<i>waf</i>	P41	5,989,871	GROSSMAN	11/23/1999	435/91.1	02/14/1997

EXAMINER <i>waf/jep/ku</i>	Date considered <i>12-21-2005</i>
*EXAMINER: Initial if reference considered, whether or not citation in conformance with MPEP 609; Draw line through citation if not in conformance and/or not considered. Include copy of this form with next communication to applicant.	

Form PTO-1449 (adapted)	Docket No. 089.00US	Serial No. 10/740,079
	First Named Inventor Sharat Singh	Customer No. 33.603
	Filing Date 18 December 2003	Group 1243 1636 waf

waf	P42	6,001,579	STILL	12/14/1999	435/7.1	06/07/1995
	P43	6,027,890	NESS	02/22/2000	435/6	07/22/1997
	P44	6,251,581	ULLMAN	06/26/2001	435/4	05/22/1991
	P46	6,312,893	VAN NESS	11/06/2001	435/6	07/22/1997
	P47	6,322,980	SINGH	11/27/2001	435/6	04/30/1999
	P48	6,331,530	BRESLOW	12/18/2001	514/58	07/13/1999
	P49	6,335,201	ALLBRITTON	01/01/2002	436/63	07/21/1999
	P50	6,346,384	POLLNER	02/12/02	435/6	03/27/00
	P51	6,346,529	FLOYD	02/12/2002	514/226.2	04/15/1998
waf	P52	6,368,874	GALLOP	04/09/2002	436/518	11/17/1999

#### ADDITIONAL U.S. PATENT DOCUMENTS

Examiner's Initial		Document Number	Inventor(s)	Class /Subclass	Title	Issue Date or Publ. Date (dd.mm.yy)
waf	PP1	6,001,573	Roelant	435/6	Use of porphyrins as a universal label	14 Dec 99
	PP2	6,489,116	Wagner	435/6	Sensitive, Multiplexed Diagnostic Assays for Protein Analysis	03 Dec 02
waf	PP3	6,627,400	Singh	435/6	Multiplexed Measurement of Membrane Protein Populations	30 Sep 03

#### FOREIGN PATENT DOCUMENTS

Examiner's Initial		Country	Document Number	Applicant	Date (mm-dd-yyyy)
waf	F1	WO	98/01533	BURSTEIN LABORATORIES, INC.	01/15/1998
waf	F2	WO	00/56925	ACLARA BIOSCIENCES, INC.	09/28/2000

EXAMINER

wafschepko

Date considered

12-21-2005

\*EXAMINER: Initial if reference considered, whether or not citation in conformance with MPEP 609; Draw line through citation if not in conformance and/or not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 (adapted)	Docket No. 089.00US	Serial No. 10/740,079
	First Named Inventor Sharat Singh	Customer No. 33.603
	Filing Date 18 December 2003	Group 1743 <b>1636 waf</b>

<b>waf</b>	F3	WO	00/66607	ACLARA BIOSCIENCES, INC.	11/09/2000
------------	----	----	----------	--------------------------	------------

#### ADDITIONAL FOREIGN PATENT DOCUMENTS

Examiner's Initial		Country and Document Number	Inventor	Title	Publication Date (dd-mm-yy)
<b>waf</b>	FF1	WO 01/57530	Liotta	Method and Apparatus for Signal Transduction Pathway Profiling	09 Aug 01
<b>waf</b>	FF2	WO 93/06121	Dower	Method of Synthesizing Diverse Collections of Oligomers	01 Apr 93

#### OTHER REFERENCES

Examiner's Initial		Citation
<b>waf</b>	D1	Lee et al., "Allelic discrimination by nick-translation PCR with fluorogenic probes", Nucleic Acid Research, 1993, 21:3761-3766.
	D2	Holland et al., "Detection of specific polymerase chain reaction product by utilizing the 5'→3' exonuclease activity of <i>Thermus aquaticus</i> DNA polymerase", Proc. Natl. Acad. Sci. USA, 1991, 88:7276-7280.
	D3	Zlokarnik et al., "Quantitation of Transcription and Clonal Selection of Single Living Cells with β-Lactamase as Reporter", Science, 1998, 279:84-88
	D4	Deo et al., "Luminescent proteins from <i>Aequorea victoria</i> : applications in drug discovery and in high throughput analysis", Fresenius J. Anal. Chem., 2001; 369(3-4):258-266.
	D5	Beaudet, et al., "Homogenous Assays for Single-Nucleotide Polymorphism Typing Using AlphaScreen", Genome Research, 2001, 11:600-608.
<b>waf</b>	D6	Blakely, et al., "Epidermal growth factor receptor dimerization monitored in live cells", Nature Biotechnology, 2000, 18:218-222.
	D7	Goetz et al., "Development of a facile method for high throughput screening with reporter gene assays", J Biomol Screen., 2000; 5(5):377-384.
	D8	Hertzberg et al., "High-throughput screening: new technologies for the 21st Century", Curr. Opin. Chem. Biol., 2000; 4(4):445-451.
	D9	Marino et al., "Characterization of mitochondrial DNA using low-stringency single specific primer amplification analyzed by laser induced fluorescence—capillary electrophoresis", Electrophoresis, 1996; 17(9):1499-1504.
	D10	Meng et al., "A yeast two-hybrid approach for probing cytoskeletal protein interactions", Methods Mol. Biol., 2001; 161:255-268.
<b>waf</b>	D11	Matko, et al., "Energy Transfer Methods for Detecting Molecular Clusters on Cell Surfaces", Methods in Enzymology, 1997, 278:444-462.

EXAMINER <b>wafschepkoll</b>	Date considered <b>12-21-2005</b>
*EXAMINER: Initial if reference considered, whether or not citation in conformance with MPEP 609; Draw line through citation if not in conformance and/or not considered. Include copy of this form with next communication to applicant.	

Form PTO-1449 (adapted)	Docket No. 089.00US	Serial No. 10/740,079
	First Named Inventor Sharat Singh	Customer No. 33.603
	Filing Date 18 December 2003	Group 1743 <i>1636 waf</i>

<i>waf</i>	D12	Packard BioScience, "Principles of AlphaScreen", Application Note ASC-001, 2001.
	D13	Price, et al., "Methods for the Study of Protein-Protein Interactions in Cancer Cell Biology", Methods in Molecular Biology, 2003, 218:255-267.
	D14	Sako, et al., "Single-molecule imaging of EGFR signalling on the surface of living cells", Nature Cell Biology, 2000, 2:168-172.
	D15	Giese, "Electrophoretic Release Tags: Ultrasensitive Molecular Labels Providing Multiplicity", Trends in Analytical Chemistry, Vol. 2, No. 7, 1983, pgs. 166-168.
	D16	Olejnik et al., "Photocleavable Affinity Tags for Isolation and Detection of Biomolecules", Methods in Enzymology, Vol. 291, 1998, pgs. 135-154.
	D17	Ullman et al., "Luminescent Oxygen Channeling Immunoassay: Measurement of Particle Binding Kinetics by Chemiluminescence", Proc. Natl. Acad. Sci. USA, Vol. 91, 1994, pgs. 5426-5430.
	D18	Joppich-Kuhn et al., "Release Tags: A new class of analytical reagents," Clin. Chem., 28: 1844-1847 (1982)
	D19	McVey et al., "Monitoring receptor oligomerization using time-resolved fluorescence resonance energy transfer and bioluminescence resonance energy transfer," J. Biol. Chem., 276: 14092-14099 (2001)
<i>waf</i>	D20	Angers et al., "Detection of $\beta_2$ -Adrenergic Receptor Dimerization in Living Cells Using Bioluminescence Resonance Energy Transfer (BRET)", PNAS, March 28, 2000, Vol. 97, No. 7, 3684-3689
	D21	Olesen et al., "Novel methods for chemiluminescent detection of reporter enzymes", Methods Enzymol., 2000; 326:175-202.
	D22	Silverman et al., "New assay technologies for high-throughput screening", Curr. Opin. Chem. Biol., 1998; 2:397-403.
	D23	Topcu et al., "The yeast two-hybrid system and its pharmaceutical significance", Pharm. Res., 2000; 17:1049-1055.
	D24	Walhout et al., "Yeast two-hybrid systems and protein interaction mapping projects for yeast and worm", Yeast, 2000; 17:88-94.
	D25	White, "The future of PCR technology: diversification of technologies and applications", Trends Biotechnol., 1996; 14:478-483.
	D26	Zacharias et al., "Recent advances in technology for measuring and manipulating cell signals", Curr. Opin. Neurobiol., 2000; 10:416-421.
	D27	Buckholz et al., "Automation of yeast two-hybrid screening", J. Mol. Microbiol. Biotechnol., 1999; 1:135-140.

EXAMINER <i>wafschlapohl</i>	Date considered <i>12-21-2005</i>
*EXAMINER: Initial if reference considered, whether or not citation in conformance with MPEP 609; Draw line through citation if not in conformance and/or not considered. Include copy of this form with next communication to applicant.	